



Picturesque Lagoon Valley is situated between the Vaca Mountains to the west and the Laguna Hills.

Award Amount
\$431,000

Watershed
Lagoon Valley Watershed

County
Solano County

CALFED Region
Bay Region

Legislative Districts
US Congress: 7
State Assembly: 8
State Senate: 2

Purpose

Reduce sediment production into Lagoon Valley and associated waterways affecting the Bay-Delta.

Project Goals

- Initiate a localized sediment capture system.
- Improve water quality in the lake, drainages, and downstream areas.
- Restore wetland/riparian areas.
- Initiate remedial actions for a quality watershed.
- Educate and inform watershed stakeholders.

Benefits to the CALFED Program

The Lagoon Valley encompasses a number of watersheds that drain to the Bay-Delta, including Putah Creek—a priority stream for the Ecosystem Restoration Program. This project contributes to the goals of the Water Quality Program by helping to reduce sediment and eliminate negative impacts on beneficial uses of the surface water, including ecosystem benefits and municipal uses. The anticipated outcome of this project is the immediate and long-term reduction of sediment production into the Lagoon Valley and associated waterways eventually affecting the Bay-Delta. This project also seeks to reduce erosion and soil loss, improve water quality, restore vegetative cover, and improve education of public and private entities about watershed restoration.

Project Overview

Resource conditions in Lagoon Valley Watershed include a lake, wetlands, and riparian areas that are in degraded states. Fisheries in the lake, streams, and other riparian areas have declined because of extensive sedimentation from the surrounding watershed. The upper watershed appears to be a major source of sediment. Many drainages are incised and lack stabilizing vegetation along channel slopes. Hillside slump areas are also found, and evidence of the degree of sedimentation in the drainages can be seen in the upper storm collection system, where large volumes of sediment collect annually.

The Lagoon Valley Watershed Restoration project improves water quality in the watershed by implementing an integrated watershed management program in the upper watershed. This integrated program includes drainage stabilization, trail/fire road assessment and maintenance, and grazing management. Additionally, the project includes grant/project administration, monitoring, and public education programs.

Water bodies affected by the Lagoon Valley Watershed include Alamo, Putah, Laguna, and Ulati Creeks. This project, therefore, will also improve water quality in these creeks as well as in the Bay-Delta system.



Parkland space in Lagoon Valley.

Contact Information

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